

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 85-115  
NPDES NO. CA0028088

WASTE DISCHARGE REQUIREMENTS FOR

CROWLEY MARITIME CORPORATION AND  
PACIFIC DRY DOCK AND REPAIR COMPANY  
321 EMBARCADERO  
OAKLAND, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board) finds that:

1. Pacific Dry Dock and Repair Company, hereinafter called the discharger, by application dated April 15, 1985, has applied for issuance of waste discharge requirements and a permit to discharge waste under the National pollutant Discharge Elimination System (NPDES). The discharger, formerly known as Merritt Ship Repair Company, is currently owned by Crowley Maritime Corporation.
2. The discharger repairs and performs maintenance on various seagoing vessels on its floating dry dock located at 321 Embarcadero in Oakland. The discharger presently discharges wastes containing pollutants into Oakland Inner Harbor, a water of the United States.

The wastes produced from the discharger's operation consists of the following:

Waste 001 consists of residual spent abrasives from sandblasting which remain on the floor of the dry dock. The abrasives may contain decaying marine organisms, heavy metals, toxic paint residues, oil and grease, and other materials. Cleanup of this waste off the dry dock is supervised to ensure that it is accomplished prior to submerging the dry dock to refloat a vessel. The residual abrasives come in contact with bay water when the dry dock is submerged to refloat a vessel.

Waste 002 consists of vessel bilge water and washdown water, and may contain oil and grease and other materials. This waste is pumped from a vessel to a storage tank for eventual disposal off site by a waste hauler. The wastes in the sanitary waste holding tanks are disposed off in like manner.

3. The discharge is presently governed by Waste Discharge Requirements, Order Nos. 75-57 and 80-34, which allow discharge into

Oakland Inner Harbor.

4. The Regional Board adopted a revised Water Quality Control Plan for the San Francisco Bay Region (Basin Plan) on July 21, 1982. The Basin Plan contains water quality objectives for Oakland Inner Harbor and contiguous waters.
5. The beneficial uses of Oakland Inner Harbor and contiguous waters are:
  - a. Water contact recreation
  - b. Non-contact water recreation
  - c. Navigation
  - d. Ocean commercial and sport fishing
  - e. Wildlife habitat
  - f. Fish spawning and migration
  - g. Industrial service and process supply
  - h. Shellfish harvesting
  - i. Esturine habitat
  - j. Preservation of rare and endangered species
6. Effluent limitation and toxic and pretreatment effluent standards established pursuant to Sections 208(b), 301, 304, and 307 of the Clean Water Act and amendments thereto are applicable to the discharge.
7. Effluent limitation guidelines requiring the application of best available technology economically achievable (BAT) for this point source category have not been promulgated by the U. S. Environmental Protection Agency. Effluent limitations of this Order are based on the Basin Plan, State Plans and policies, expected operations performance, and best professional judgment. The limitations are considered to be those attainable by BAT, in the judgment of the Board.
8. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000 of Division 13) of the Public Resources Code (CEQA) pursuant to Section 13389 of the California Water Code.
9. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
10. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that Crowley Maritime Corporation and Pacific Dry Dock and Repair Company, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal

Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Discharge Prohibitions

1. The direct discharge of spent abrasive sweepings and paint residues from the dry dock, ships, or piers servicing ships, to waters of the State is prohibited.
2. The placement of spent abrasives and paint residue is prohibited in areas where the materials may be washed into waters of the State by stormwater runoff, or by tide or wave action.
3. The discharge of sanitary sewage from vessels having sewageholding tankstowatersofthe State is prohibited.
4. The discharge of any water or liquid waste from a vessel located on the floating dry dock to the dry dock floor is prohibited.
5. Discharge of Waste 002 is prohibited

B. Effluent Limitations

The discharge of Waste 001 shall not exceed those quantities remaining after the following measures have been taken: Prior to submergence of the dry dock either to receive or refloat a vessel, discharger shall ensure that all spent abrasives, paint residues, and other visible debris are removed from those portions of the dry dock floor which are reasonably accessible, to a degree achievable by scraping and sweeping. This provision shall not apply in cases wherein a vessel must be introduced into the dry dock on an emergency basis, such as to prevent sinking, or leakage of oil or other materials. The Executive Officer shall be notified in such cases.

C. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place.
  - a. Floating, suspended, or deposited macroscopic particulate matter of foam;
  - b. Bottom deposits or aquatic growths;
  - c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels;
  - d. Visible, floating, suspended, or deposited oil or other products or petroleum origin;
  - e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause

deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.

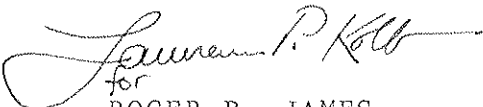
2. The discharge of waste shall not cause the following limits to be exceeded in waters of the State in any place within one foot of the surface:
  - a. Dissolved oxygen                      5.0 mg/l minimum - median for any three consecutive months shall not be less than 80% saturation. When natural factors cause lesser concentration(s) than specified above, then discharge shall not cause further reduction in the concentration of dissolved oxygen.
  - b. pH    Variation from natural ambient pH by more than 0.5 pH units.
3. The discharger shall not cause a violation of any applicable water quality standards for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Clean Water Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Clean Water, or amendments thereto, the Board will revise and modify this Order in accordance with such standards.

D. Provisions

1. This Board's Order No. 75-57, adopted on September 16, 1975 is hereby rescinded.
2. The discharger shall comply with all sections of this Order upon commencement of operations.
3. The discharger shall prepare and update annually a contingency plan as required by Board Resolution No. 74-10. The discharge of pollutants in violation of this Order where the discharger has failed to develop and/or implement contingency plan will be basis for considering such discharge a willful and negligent violation of this Order pursuant to Section 13387 of the California Water Code.
4. The discharger shall comply with the self-monitoring program as adopted by the Board and as may be amended by the Executive Officer.

5. The discharger shall comply with all items of the attached "Standard Provisions, Reporting Requirements and Definitions" dated April 1977, except items A.5, A.12, and B.5.
6. During the period between November 1 and May 1 of the following year, the discharger shall clean the drydock floor as often as needed so as to eliminate or minimize the discharge of pollutants into the Bay via stormwater runoff.
7. All applications, reports, or information submitted to the Regional Board shall be signed and certified pursuant to Environmental Protection Agency regulations (40CFR 122.41K).
8. Pursuant to Environmental Protection Agency regulations (40 CFR 122.42(a)), the discharger must notify the Regional Board as soon as it knows or has reason to believe (1) that they have begun or expect to begin, the use or manufacture of a pollutant not reported in the permit application, or (2) a discharge of a toxic pollutants not limited by this permit has occurred, or will occur, in concentrations that exceed the specified limits.
9. This Order expires October 16, 1990. The discharger must file a report of waste discharge in accordance with Title 23, Chapter 3, Subchapter 9 of the California Administrative Code not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.
10. This Order shall serve as a National Pollutant Discharge Elimination System Permit pursuant to Section 402 of the Federal Water Pollution Control Act or amendments thereto, and shall become effective 10 days after date of its adoption, provided the Regional Administrator for the Environmental Protection Agency has no objection. If the Regional Administrator objects to its issuance, the permit shall not become effective until such objection is withdrawn.

I, Roger B. James, Executive Officer do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on October 16, 1985.

  
for  
ROGER B. JAMES  
Executive Officer

Attachments: See Page 6

Attachments:

Standard Provisions & Reporting Requirements, April 1977  
Self-Monitoring Program  
Resolution No. 74-10

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM  
FOR

PACIFIC DRY DOCK AND REPAIR COMPANY  
321 EMBARCADERO  
OAKLAND, ALAMEDA COUNTY

ORDER NO. 85-115

NPDES NO. CA0028088





CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

PACIFIC DRY DOCK AND REPAIR COMPANY  
321 EMBARCADERO  
OAKLAND, ALAMEDA COUNTY

A. GENERAL

1. Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268 and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are: (1) to document compliance with waste discharge requirements and prohibitions established by this Regional Board; (2) to facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge; (3) to develop or assist in the development of effluent or other limitations, discharge prohibitions, national standards of performance, pretreatment and toxicity standards, and other standards; and (4) to prepare water and wastewater quality inventories.

2. Self-Monitoring Program

Written reports shall be filed quarterly. The reports shall be comprised of the following:

Letter of Transmittal

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past month and actions taken or planned for correcting violations, such as operation modifications and/or facilities expansion. Monitoring reports and the letter transmitting reports shall be signed by either a principal executive officer, ranking elected official, or other duly authorized employee.

The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

3. Annual Reporting

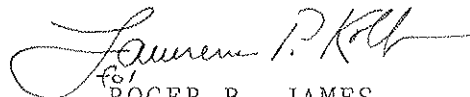
By January 30 of each year, the discharger shall submit an annual report to the Regional Board covering the previous calendar year. The report shall contain a comprehensive discussion of the compliance record and the corrective actions taken or planned which may be needed to bring the discharger into full compliance with the waste discharge requirements.

B. MONITORING SPECIFICATIONS

1. Prior to the submergence of the dry dock, adequacy of the cleanliness of areas will be observed, certified, and recorded, indicating the dates and time of drydock use, observations, and submergence.
2. Any accidental discharges resulting in a violation of requirements shall be reported immediately including cleanup measures taken and measures taken to prevent a recurrence.

I, Roger B. James, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 85-115.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

  
for  
ROGER B. JAMES  
Executive Officer

DATE ORDERED October 24, 1985